

AMENDMENTS TO THE CLAIMS:

1-8. (canceled)

9. (new) An apparatus for identification of tyres and wheels with tyres in association with a tyre maintenance machine, comprising:

- at least one code detector;
- at least one data memory storing codes and data on predetermined types of tyres;
- at least one comparator circuit operatively connected to said detector and said memory for comparing a code detected by said detector with codes stored in said memory;
- at least one display device for displaying information pertaining to an identified tyre;
- a memory access device; and
- a decoder operatively connected to said access device and said memory for storing data and codes in said memory.

10. (new) The apparatus according to claim 9 wherein said display device is operatively connected to said comparator.

11. (new) The apparatus according to claim 9, further comprising a discriminator element operatively connected to said comparator and said display device at least in part for determining an absence of a code on a tire and inducing communication of such absence via said display.

12. (new) The apparatus according to claim 9 wherein the tyre maintenance machine is taken from the group consisting of a tyre mounting and dismounting machine and an inflating station.

13. (new) The apparatus according to claim 9 wherein said detector is mounted to the tyre maintenance machine.

14. (new) The apparatus according to claim 9, further comprising an Internet access device operatively connected to said memory via said decoder, for enabling remote updating of data in said memory.

15. (new) An apparatus for identification of tyres and wheels with tyres in association with a tyre maintenance machine, comprising:

at least one code detector;

at least one data memory storing codes and data on predetermined types of tyres;

at least one comparator circuit operatively connected to said detector and said memory for comparing a code detected by said detector with codes stored in said memory;

at least one display device for displaying information pertaining to an identified tyre;

an Internet access device; and

a decoder operatively connected to said access device and said memory for downloading data and codes from the Internet into said memory.

16. (new) The apparatus according to claim 15 wherein said display device is operatively connected to said comparator.

17. (new) The apparatus according to claim 15, further comprising a discriminator element operatively connected to said comparator and said display device at least in part

for determining an absence of a code on a tire and inducing communication of such absence via said display.

18. (new) The apparatus according to claim 15 wherein the tyre maintenance machine is taken from the group consisting of a tyre mounting and dismounting machine and an inflating station.

19. (new) The apparatus according to claim 15 wherein said detector is mounted to the tyre maintenance machine.

20. (new) An apparatus for identification of tyres and wheels with tyres in association with a tyre maintenance machine, comprising:

at least one code detector;

at least one data memory storing codes and data on predetermined types of tyres;

at least one comparator circuit operatively connected to said detector and said memory for comparing a code detected by said detector with codes stored in said memory;

at least one display device for displaying information pertaining to an identified tyre; and

a discriminator element operatively connected to said comparator and said display device at least in part for determining an absence of a code on a tire and inducing communication of such absence via said display.

21. (new) The apparatus according to claim 20 wherein said display device is operatively connected to said comparator.

22. (new) The apparatus according to claim 20 wherein the tyre maintenance machine is taken from the group consisting of a tyre mounting and dismounting machine and an inflating station.

23. (new) The apparatus according to claim 20 wherein said detector is mounted to the tyre maintenance machine.

24. (new) The apparatus according to claim 20, further comprising an Internet access device operatively connected to said memory via said decoder, for enabling remote updating of data in said memory.